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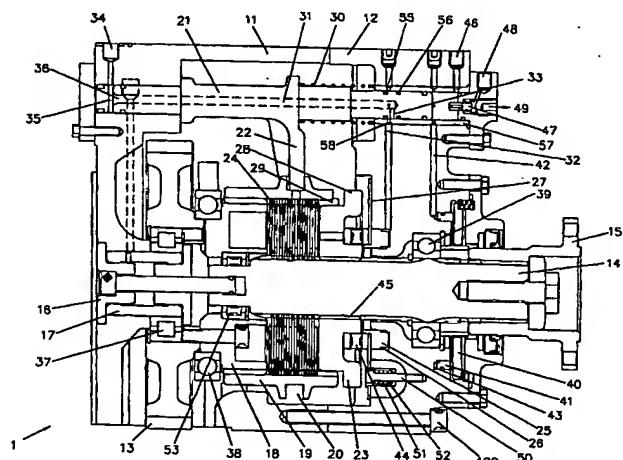
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(54) Title: DRIVE ENGAGEMENT APPARATUS



(57) Abstract: A drive arrangement (1) is disclosed where a driving gear (13) is engageable with a shaft (14) by engaging an axially movable sleeve (19) with a dog (23). One of the sleeve (19) or dog (23) is drivably connected to the gear (13) and the other to the shaft (14). A piston (21) is engaged via fork (22) with the sleeve (19); axial movement of the piston (21) causes axial movement of the sleeve (19). A delay device is included which prevent engagement between the sleeve (19) and dog (23) until the rotational speeds of those elements is equalised. The delay device include a friction plates (24) which create a friction drive between the driving force (e.g. gear (13)) and the element to be driven. The friction drive is actuated by actuator (25) under the same compressed air supply that acts on piston (21). Torque acting between the friction plates (24) and sleeve (19) prevent the sleeve (19) from moving into engagement with the dog (23) before the speeds of the sleeve (19) and dog (23) have equalised.

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